

Table ENG-1. - Construction Materials

Dinwiddie Area, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1A:					
Altavista	85	Poor		Fair	
		Thickest layer	0.00	Thickest layer	0.00
		Bottom layer	0.00	Bottom layer	0.09
State	8	Not Rated		Not Rated	
Roanoke	7	Not Rated		Not Rated	
1B:					
Altavista	85	Poor		Fair	
		Thickest layer	0.00	Thickest layer	0.00
		Bottom layer	0.00	Bottom layer	0.09
State	8	Not Rated		Not Rated	
Roanoke	7	Not Rated		Not Rated	
2B:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
2C:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
2D:					
Appling	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
2D:					
Cecil	5	Not Rated		Not Rated	
Helena	4	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
3B:					
Appling	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Urban land	40	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
3C:					
Appling	45	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.09
Urban land	40	Not Rated		Not Rated	
Udorthents	5	Not Rated		Not Rated	
Cecil	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Helena	2	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
4B:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4B:					
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4B3:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4C:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
4D:					
Cecil	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.04
Appling	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
5A:					
Emporia	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Slagle	9	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
5A:					
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
5B:					
Emporia	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Slagle	9	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
5C:					
Emporia	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Slagle	9	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Uchee	2	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
6D:					
Emporia	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Slagle	30	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Mattaponi	9	Not Rated		Not Rated	
Roanoke	8	Not Rated		Not Rated	
Uchee	8	Not Rated		Not Rated	
7B:					

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
7B:					
Emporia	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Urban land	40	Not Rated		Not Rated	
Slagle	9	Not Rated		Not Rated	
Mattaponi	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8B:					
Georgeville	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8B3:					
Georgeville	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8C:					
Georgeville	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8C:					
Roanoke	1	Not Rated		Not Rated	
8C3:					
Georgeville	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
8D:					
Georgeville	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
9B:					
Helena	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
9C:					
Helena	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Appling	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9C:					
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
10B:					
Herndon	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Georgeville	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
10C:					
Herndon	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Georgeville	5	Not Rated		Not Rated	
Helena	5	Not Rated		Not Rated	
Iredell	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
11B:					
Iredell	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.06
Helena	5	Not Rated		Not Rated	
Herndon	5	Not Rated		Not Rated	
Georgeville	3	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
11C:					
Iredell	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.00
		Thickest layer	0.00	Bottom layer	0.06
Helena	5	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
11C:					
Herndon	5	Not Rated		Not Rated	
Georgeville	3	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
12A:					
Mattaponi	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.08
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
12B:					
Mattaponi	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.08
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
12C:					
Mattaponi	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.08
Emporia	7	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
13B:					
Mattaponi	60	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.08
Urban land	40	Not Rated		Not Rated	
14A:					
Myatt	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.03
		Thickest layer	0.00	Thickest layer	0.03

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
14A:					
Roanoke	5	Not Rated		Not Rated	
Slagle	5	Not Rated		Not Rated	
Uchee	5	Not Rated		Not Rated	
15B:					
Nansemond	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.04
		Thickest layer	0.00	Thickest layer	0.09
Altavista	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Roanoke	3	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
15C:					
Nansemond	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.04
		Thickest layer	0.00	Thickest layer	0.09
Altavista	3	Not Rated		Not Rated	
Emporia	3	Not Rated		Not Rated	
Slagle	3	Not Rated		Not Rated	
Mattaponi	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
State	2	Not Rated		Not Rated	
16A:					
Roanoke	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Altavista	3	Not Rated		Not Rated	
Helena	3	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	
Nansemond	3	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16A:					
Slagle	3	Not Rated		Not Rated	
17A:					
Slagle	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
17B:					
Slagle	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
17C:					
Slagle	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Emporia	8	Not Rated		Not Rated	
Mattaponi	3	Not Rated		Not Rated	
Myatt	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
18A:					
State	85	Poor		Fair	
		Bottom layer	0.00	Thickest layer	0.03
		Thickest layer	0.00	Bottom layer	0.09
Altavista	8	Not Rated		Not Rated	
Myatt	3	Not Rated		Not Rated	

Table ENG-1. - Construction Materials - Continued

Dinwiddie Area, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Gravel		Potential Source of Sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18A:					
Nansemond	2	Not Rated		Not Rated	
Roanoke	2	Not Rated		Not Rated	
19B:					
Uchee	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.03
		Thickest layer	0.00	Thickest layer	0.41
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
19C:					
Uchee	85	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.03
		Thickest layer	0.00	Thickest layer	0.41
Emporia	8	Not Rated		Not Rated	
Slagle	7	Not Rated		Not Rated	
20:					
Udorthents	85	Not Rated		Not Rated	
Appling	5	Not Rated		Not Rated	
Cecil	5	Not Rated		Not Rated	
Mattaponi	4	Not Rated		Not Rated	
Roanoke	1	Not Rated		Not Rated	
DAM:					
Dam	100	Not Rated		Not Rated	
W:					
Water	100	Not Rated		Not Rated	